

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	4	Attorney Docket Number	020048-003121US
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Complete if Known

Application Number	10/759,741
Filing Date	January 15, 2004
First Named Inventor	McMillan, William A.
Art Unit	3725
Examiner Name	Unassigned

U.S. PATENT DOCUMENTS+

Examine r Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
TD	AA	US-6,440,725	08-27-2002	Pourahmadi et al.	
TD	AB	US-6,431,476	08-13-2002	Taylor et al.	
TD	AC	US-6,391,541	05-21-2002	Petersen et al.	
TD	AD	US-6,168,948	01-02-2001	Anderson et al.	
	AE	US-6,156,273	12-05-2000	Regnier et al.	
	AF	US-6,153,073	11-28-2000	Dubrow et al.	
	AG	US-6,100,084	08-08-2000	Miles et al.	
	AH	US-6,090,545	07-18-2000	Wohlstadter et al.	
	AI	US-6,080,295	06-27-2000	Parce et al.	
	AJ	US-6,068,752	05-30-2000	Dubrow et al.	
	AK	US-6,042,709	03-28-2000	Parce et al.	
	AL	US-5,972,710	10-26-1999	Weigl et al.	
	AM	US-5,921,678	07-13-1999	Desai et al.	
	AN	US-5,880,071	03-09-1999	Parce et al.	
	AO	US-5,874,046	02-23-1999	Mejerie	
	AP	US-5,869,004	02-09-1999	Parce et al.	
	AQ	US-5,863,801	01-26-1999	Southgate et al.	
	AR	US-5,863,502	01-26-1999	Southgate et al.	
	AS	US-5,858,188	01-12-1999	Soane et al.	
	AT	US-5,856,174	01-05-1999	Lipshutz et al.	
	AU	US-5,846,727	12-08-1998	Soper et al.	
	AV	US-5,843,767	12-01-1998	Beattie	
	AW	US-5,842,787	12-01-1998	Kopf-Sill et al.	
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	AY	US-5,716,852	02-10-1998	Yager et al.	
	AZ	US-5,707,799	01-13-1998	Hansmann et al.	
	BA	US-5,705,018	01-06-1998	Hartley	
	BB	US-5,693,782	12-1997	Woodard et al.	
	BC	US-5,652,141	07-29-1997	Henco et al.	
	BD	US-5,641,400	06-24-1997	Kaltenbach et al.	
	BE	US-5,639,428	06-17-1997	Cottingham	
	BF	US-5,639,423	06-17-1997	Northrup et al.	
	BG	US-5,616,701	04-01-1997	Woodard et al.	
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	BI	US-5,587,128	12-24-1996	Wilding et al.	
	BJ	US-5,585,069	12-17-1996	Zanzucchi et al.	
	BK	US-5,580,794	12-03-1996	Allen	
	BL	US-5,580,435	12-03-1996	Kovacs	
	BM	US-5,543,305	08-06-1996	Cummins et al.	
	BN	US-5,534,054	07-09-1996	Woodard et al.	
TD	BO	US-5,500,071	03-19-1996	Kaltenbach et al.	

Examiner
Signature*David R. Kelly*Date
Considered

3/17/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60356080 v1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	10/759,741	
			Filing Date	January 15, 2004	
			First Named Inventor	McMillan, William A.	
			Art Unit	3725	
Examiner Name	Unassigned				
Sheet	2	of	4	Attorney Docket Number	020048-003121US

U.S. PATENT DOCUMENTS+					
Examine r Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
DA	BP	US-5,458,761	10-17-1995	Kamahori et al.	
	BQ	US-5,443,590	08-22-1995	Ohman	
	BR	US-5,438,129	08-01-1995	Woodard et al.	
	BS	US-5,427,946	06-27-1995	Kricka et al.	
	BT	US-5,427,663	06-27-1995	Austin et al.	
	BU	US-5,422,241	06-06-1995	Goldrick et al.	
	BV	US-5,374,533	12-20-1994	Matsuzawa et al.	
	BW	US-5,374,522	12-20-1994	Murphy et al.	
	BX	US-5,351,777	10-04-1994	Jhingan	
	BY	US-5,342,931	08-30-1994	Woodard et al.	
	BZ	US-5,330,916	07-19-1994	Williams et al.	
	CA	US-5,304,487	04-19-1994	Wilding et al.	
	CB	US-5,296,375	03-22-1994	Kricka et al.	
	CC	US-5,234,809	08-10-1993	Boom et al.	
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	CE	US-5,223,219	06-29-1993	Subramanian et al.	
	CF	US-5,207,988	05-04-1993	Lucas	
	CG	US-5,155,018	10-13-1992	Gillespie et al.	
	CH	US-5,124,444	06-23-1992	Van Ness et al.	
	CI	US-5,114,858	05-19-1992	Williams et al.	
	CJ	US-5,074,474	12-24-1991	Golz et al.	
	CK	US-5,061,446	10-29-1991	Guigan	
DM	CL	US-4,983,523	01-08-1991	Li et al.	
	CM	US-4,963,498	10-16-1990	Hillman et al.	
	CN	US-4,923,978	05-08-1990	McCormick	
	CO	US-4,921,952	05-01-1990	Longmire et al.	
	CP	US-4,918,025	04-17-1990	Greener	
	CQ	US-4,915,812	04-10-1990	Parce et al.	
	CR	US-4,908,318	03-13-1990	Lerner	
	CS	US-4,908,112	03-13-1990	Pace	
	CT	US-4,895,500	01-23-1990	Hok et al.	
	CU	US-4,891,120	01-02-1990	Sethi et al.	
	CV	US-4,874,137	10-17-1989	Chiba	
	CW	US-4,855,240	08-08-1989	Rosenstein et al.	
	CX	US-4,789,628	12-06-1988	Nayak	
	CY	US-4,642,220	02-10-1987	Bjorkman	
	CZ	US-4,426,451	01-17-1984	Columbus	
	DA	US-3,799,742	03-1974	Coleman	
DB	DB	US-2002/0019060	02-14-2002	Petersen et al.	
DC	DC	US-2002/0039783	04-04-2002	McMillan et al.	
DD	DD	US-2002/0045246	04-18-2002	McMillan et al.	
Examiner Signature	David Rely			Date Considered	3/17/05

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U.S. PATENT DOCUMENTS+					
Examine r Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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<i>DA</i>	DE	US-2002/0055167	05-09-2002	Pourahmadi et al.	

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		7 ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)					
<i>DA</i>	DF	DE	19519015		09-1996				<input type="checkbox"/>
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	DR	WO	98/08594		03-1998				<input type="checkbox"/>
	DS	WO	98/10277		03-1998				<input type="checkbox"/>
<i>DA</i>	DT	WO	98/38487		09-1998				<input type="checkbox"/>

Examiner Signature	<i>David R. Kelly</i>	Date Considered	3/17/05
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60356080 v1

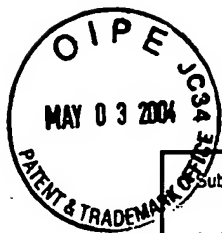
Substitute for form 1449B/PTO			Complete If Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/759,741	
			Filing Date	January 15, 2004	
			First Named Inventor	McMillan, William A.	
			Art Unit	3725	
			Examiner Name	Unassigned	
Sheet	4	of	4	Attorney Docket Number	020048-003121US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	DU	ANDERSON et al., "Microfluidic Biochemical Analysis System," Transducers '97, Int'l Conf. on Solid-State Sensors and Actuators, held in Chicago, 6/16-19/1997, pages 477-480.	
	DV	BRODY et al., "Deformation and Flow of Red Blood Cells in a Synthetic Lattice: Evidence for an Active Cytoskeleton," Biophysical Journal, 68:2224-2232 (1995).	
	DW	BRODY et al., "Diffusion-Based Extraction in a Microfabricated Device," Sensors and Actuators A, 58:13-18 (1997).	
	DX	BRANEBJERG et al., "Fast Mixing by Lamination," Proceedings of the Conference on MEMS, held February 11-15, 1996 in San Diego, CA.	
	DY	BUCK et al., "Rapid, Simple Method for Treating Clinical Specimens Containing Mycobacterium Tuberculosis To Remove DNA for Polymerase Chain Reaction," J. Clinical Microbiology, pages 1331-1334 (1992).	
	DZ	GUYPERS et al., "The NucliSens™ Extractor for Automated Nucleic Acid Isolation," Infusionsher Transfusionsmed, 25:147-151 (1998).	
	EA	KLAASSEN et al., "Silicon Fusion Bonding and Deep Reactive Ion Etching: A New Technology for Microstructures," Sensors and Actuators A, 52:132-139 (1996).	
	EB	MAULE, N., "Silicon Fusion Bonding Plus DRIE Delivers Design Flexibility," Micromachine Devices, 2:4-5 (1997).	
	EC	SANZ et al., "Effect of Ultrasonic Waves on the Heat Resistance Of Bacillus Stearothermophilus Spores Fundamental And Applied Aspects of Bacterial Spores," pages 251-259 (1985).	

Examiner Signature	<i>David Redif</i>	Date Considered	3/17/05
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				Art Unit	To Be Assigned
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U.S. PATENT DOCUMENTS+					
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<i>DR</i>	0001	US-4,983,523	01-08-1991	Li et al.	
<i>DR</i>	0002	US-5,374,522	12-20-1994	Murphy et al.	
<i>DR</i>	0003	US-5,652,141	07-29-1997	Henco et al.	
<i>DR</i>	0004	US-5,856,174	01-05-1999	Lipshutz et al.	
<i>DR</i>	0005	US-5,874,046	02-23-1999	Megerle	
<i>DR</i>	0006	US-6,100,084	08-08-2000	Miles et al.	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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DR	0010	EP	0 271 448	A2	12-08-1987	T	T	<input type="checkbox"/>
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60202887 v1

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		Filing Date	January 15, 2004		
		First Named Inventor	McMillan, William A.		
		Art Unit	To Be Assigned		
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DA	0012	Sanz et al., (1985). "Effect of Ultrasonic Waves on the Heat Resistance of <i>Bacillus Stearothermophilus</i> Spores", Fundamental and Applied Aspects of Bacterial Spores, Academic Press, Inc. pgs 251-259.	
ma	0013	Buck et al., (1992). "Rapid, Simple Method for Treating Clinical Specimens Containing <i>Mycobacterium tuberculosis</i> To Remove DNA for Polymerase Chain Reaction", J. Clin. Microbiol. 30:1331-1334.	

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